SUPA MOLY®

NPKS 0-11-0-0 + 25% Molybdenum

Concentrated liquid nutrition for correction of deficiencies and maintenance of growth

BENEFITS OF SUPA MOLY®

- 100% soluble & plant available nutrients for fast correction of deficiencies.
- Suitable for soil and foliar application.
- May be applied with a wide range of agricultural chemicals, reducing the number of sprays required.
- Free flowing formulation makes it easy to decant into spray equipment and fertigation mixing tanks.
- Improves nitrogen ultilisation efficacy.
- Prevents whiptail of brassicas.
- Improves effective nodulation of rhizobia.
- Increases nitrogen fixation in legumes.

THE IMPORTANCE OF PHOSPHORUS & MOLYBDENUM

Phosphorous assists in root development and energy production in plant cells to carry-out vital metabolic functions and nucleic acid biosynthesis. Phosphorus acts as a structural component of nucleic acids and phospholipids which form plant membranes. It is also important in cell division, photosynthesis, sugar and starch formation, energy transfer and movement of carbohydrates. Phosphorous deficiencies are very common in alkaline calcareous and acid soils, due to its binding with calcium in high pH soils and aluminium and iron in acid soils.

Molybdenum is essential for the chemical changes involved with nitrogen assimilation, the conversion of nitrate to ammonium inside the plant. It is important for chlorophyll and enzyme formation.

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SUPA MOLY®

CHARACTERISTICS: pH: 3.5 – 4.5 ; Specific Gravity: 1.55 – 1.59

AUS Analysis W/V%: 11% P, 25% Mo.
International Analysis W/W%: 16.0 P2O5, 15.9% Mo.

APPLICATION

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar at 0.1 – 0.25 L** in a minimum of 40 – 60 L/ha final spray volume. Apply at early vegetative stages to aid in nitrate assimilation and overcome molybdenum deficiencies. Seed dressing at 0.5 – 1.75 L per tonne of seed.

DECIDUOUS TREE CROPS: Such as Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar at 1 L/ha** in a minimum of 500L final spray volume. Apply at early spur burst, complete petal fall and post blossom as required. **DO NOT apply as foliar on stone fruit varieties**.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia, Lychee. **Foliar at 0.2 – 0.5 L/ha** in a minimum of 100 - 250L final spray volume. Apply at early vegetative stages to correct trace element deficiencies.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes (field), Watermelons, Pumpkins. **Foliar at 0.2 – 0.5 L/ha** in a minimum of 100 - 250L final spray volume. Apply at early vegetative stages to aid in nitrate assimilation and overcome molybdenum deficiencies.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar at 0.2 – 0.5 L/ha** in a minimum of 100 - 250L final spray volume. Apply at early vegetative stages to aid in nitrate assimilation and overcome molybdenum deficiencies.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar 0.2 – 0.5 L/ha** in a minimum of 100 - 250L final spray volume. Apply at early vegetative stages to aid in nitrate assimilation and overcome molybdenum deficiencies. Apply to fully emerged crop, prior to tuber/bulb/root initiation.

VINE and BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar at 0.2 – 0.5 L/ha** in a minimum of 100 - 250L final spray volume. First application: shoots 10cm long repeat as required for nitrate assimilation. **DO NOT use more than 4x rate/ha**. For Merlot varieties, apply 500ml/ha prior to flowering to increase yield. **DO NOT use more than 3 x per hectare rate or concentration**.

Fertigation rates are dependent on seasonal nutrient demand. Agitate contents well prior to application. For greenhouse applications, apply at 2 leaf stage approximately 5 ml /1000 plant in 5 L water.

NOTE: The suggested rates of application of the Product are designed for typical Australian conditions and should be used as a guide only. Each farmer's climatic conditions, water quality, soil types, application processes and practices may differ and therefore necessitate corrections to ensure optimum results. Good agricultural practice requires that application be avoided under extreme weather conditions such as temperatures over 28°C, high humidity, frost, rain etc. It is recommended that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total spray. Where possible, it is recommended that regular leaf tests are conducted to determine actual plant nutrient availability during each growth cycle. Soil tests at least once per year are essential.